

From: [Wright, Jeff](#)
To: [Gary Moore/R6/USEPA/US@EPA](#)
Cc: [Bordelon, David](#)
Subject: RE: Assistance Requested
Date: 01/10/2013 04:08 PM

Thanks Gary,

I'll look through that work plan. I've called John Halk and he mentioned a solidification project that LDEQ oversaw). He's going through some of the historical documents and looking for the Pilot Study Work Plan. The only engineering criteria he remembered adhering to was the unconfined compressive strength. I think that was the one set at 8 psi, but he said their data indicated that results were actually much higher (above 50 psi).



Jeff Wright, CHMM
Weston Solutions, Inc.
an employee-owned company
13702 Coursey Blvd.,
Bldg #7, STE A
Baton Rouge, LA 70817
(225) 297-5415 Direct
(225) 278-8406 Cell
Jeff.Wright@westonsolutions.com

From: Moore.Gary@epamail.epa.gov [mailto:Moore.Gary@epamail.epa.gov]
Sent: Thursday, January 10, 2013 3:52 PM
To: Wright, Jeff
Subject: Fw: Assistance Requested

FYI

Gary Moore
Federal On-Scene Coordinator
EPA Region 6
Cell: 214-789-1627
Work: 214-665-6609
email: moore.gary@epa.gov

----- Forwarded by Gary Moore/R6/USEPA/US on 01/10/2013 03:52 PM -----

From: David Abshire/R6/USEPA/US
To: Gary Moore/R6/USEPA/US@EPA
Date: 01/10/2013 01:10 PM
Subject: Re: Fw: Assistance Requested

Been in training.

solidified material must have an unconfined compressive strength (UCS) based on the use of the area (e.g. building area ~50psi; remote ~25psi - but this is on a site specific basis, could be lower psi)



9522418

No free liquids after solidification - must pass the filter test; many things can be used to bind the liquid, even soil.

Place solidified material in Subtitle "C" cell if solidified material has a SPLP leachate test above the risk/protective level.

if using sorbent material, only certain sorbents can be used. Sorbents should not increase temperature to the point of combustion.

We can discuss if the area you are working in will allow other UCS, etc.

Charles David Abshire
Arkansas/Texas Branch
Superfund Division
R6 Remedial Project Manager
Phone: 214-665-7188
Fax: 214-665-6660

From: Gary Moore/R6/USEPA/US
To: David Abshire/R6/USEPA/US@EPA
Date: 01/10/2013 10:16 AM
Subject: Re: Fw: Assistance Requested

David:

Does EPA have any specific technical criteria for S/S?

Gary Moore
Federal On-Scene Coordinator
EPA Region 6
Cell: 214-789-1627
Work: 214-665-6609
email: moore.gary@epa.gov

From: David Abshire/R6/USEPA/US
To: Carlos Sanchez/R6/USEPA/US@EPA
Cc: Gary Moore/R6/USEPA/US@EPA
Date: 01/10/2013 07:22 AM
Subject: Re: Fw: Assistance Requested

As my voice mail to you yesterday stated, my remote workplace connection was disabled because of McWord updates; however, here it is.
There was some barge cleaning liquids placed in the pits at the Malone Service Site in Texas City,

Texas, but I believe it was a very small volume. Most of the pit liquids are from chemical and oil & gas plants in the Texas City area.

The first attached is the treatability study work plan; the following two are for the "bench-scale" treatability study document, which followed the work plan.

.[attachment "Malone - Additional Stabilization Work Plan (Rev 1 - Aug 24, 2007).pdf" deleted by David Abshire/R6/USEPA/US]

[attachment "FinalTSrptCoverLtr(2-28-8).pdf" deleted by David Abshire/R6/USEPA/US] [attachment "Malone TS Final Report.pdf" deleted by David Abshire/R6/USEPA/US]

Charles David Abshire
Arkansas/Texas Branch
Superfund Division
R6 Remedial Project Manager
Phone: 214-665-7188
Fax: 214-665-6660

From: Carlos Sanchez/R6/USEPA/US
To: Garyg Miller/R6/USEPA/US@EPA, David Abshire/R6/USEPA/US@EPA, Rafael Casanova/R6/USEPA/US@EPA
Date: 01/09/2013 11:37 AM
Subject: Fw: Assistance Requested

Do you guys have a site or know of a site where this was considered or even done. Malone? Thanks
CAS

Carlos A. Sanchez
Chief, AR/TX Section
Region 6, Superfund Division (6SF-RA)
sanchez.carlos@epa.gov
(214) 665-8507

----- Forwarded by Carlos Sanchez/R6/USEPA/US on 01/09/2013 11:22 AM -----

From: Gary Moore/R6/USEPA/US
To: sanchez.carlos@epa.gov
Date: 01/09/2013 11:16 AM
Subject: Assistance Requested

Carlos:

I am working on a site where we want to solidify some old barge cleaning waste pits in place. Do you know of any sites that have been done under the remedial program that may have some treatability study information where criteria are discussed?

Thanks

Gary Moore
Federal On-Scene Coordinator
EPA Region 6
Cell: 214-789-1627
Work: 214-665-6609
email: moore.gary@epa.gov

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